Title (en)
METHOD FOR THE TREATMENT OF NANOHYDROGELS

Title (de)
VERFAHREN ZUR BEHANDLUNG VON NANOHYDROGELEN

Title (fr)
PROCÉDÉ POUR LE TRAITEMENT DE NANOHYDROGELS

Publication
EP 3008115 A2 20160420 (EN)

Application
EP 14758648 A 20140611

Priority
- IT RM20130340 A 20130611
- IB 2014062139 W 20140611

Abstract (en)
[origin: WO2014199319A2] A method for treating nanohydrogels comprising - a dispersion step, in which a nanohydrogel obtained from a polysaccharide functionalized with hydrophobic molecules is dispersed in an aqueous solution, and a sterilization and homogenization step, in which the aqueous dispersion of nanohydrogels is added with a compound designed to be charged in the nanohydrogel particles by being englobed or adsorbed thereby and is subjected to a temperature of between 70°C and 150°C and a pressure of between 1 and 5 bar; in said sterilization and homogenization step, the conditions of temperature and pressure must be such that boiling of the aqueous dispersion of nanohydrogels does not occur.

IPC 8 full level
C08J 3/075 (2006.01); **A61K 47/36** (2006.01); **A61L 2/04** (2006.01)

CPC (source: EP US)
A61K 9/10 (2013.01 - EP US); **A61K 9/19** (2013.01 - EP US); **A61K 9/5123** (2013.01 - EP US); **A61K 9/5161** (2013.01 - EP US); **A61K 9/5192** (2013.01 - EP US); **A61K 31/5383** (2013.01 - EP US); **A61K 47/26** (2013.01 - EP US); **A61K 47/28** (2013.01 - US); **A61K 47/36** (2013.01 - US); **A61L 2/0023** (2013.01 - EP US); **A61L 2/04** (2013.01 - EP US); **A61L 2/07** (2013.01 - EP US); **C08J 3/075** (2013.01 - EP US); C08G 2210/00 (2013.01 - EP US); C08J 2305/00 (2013.01 - EP US); C08J 2305/08 (2013.01 - EP US)

Citation (search report)
See references of WO 2014199319A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014199319 A2 20141218; **WO 2014199319 A3 20150326**; EP 3008115 A2 20160420; EP 3008115 B1 20180926; IT RM20130340 A1 20141212; US 2016151500 A1 20160602; US 9655972 B2 20170523

DOCDB simple family (application)
IB 2014062139 W 20140611; EP 14758648 A 20140611; IT RM20130340 A 20130611; US 201414896974 A 20140611